

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000497

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/496 A61K31/506 A61P21/00 C07D239/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 2004/080979 A (LG LIFE SCIENCES LTD; LEE, JINHO; KIM, HAK JOONG; CHOI, SEIHYUN; CHOI,) 23 September 2004 (2004-09-23) the whole document	1-42
P, A	WO 2004/029204 A (MERCK & CO., INC; KOPKA, IHOR, E; LI, BING; HAGMANN, WILLIAM, K) 8 April 2004 (2004-04-08) the whole document	1-42
A	WO 02/055084 A (VERNALIS RESEARCH LIMITED; GILLESPIE, ROGER, JOHN; LERPINIÈRE, JOANNE) 18 July 2002 (2002-07-18) the whole document	1-42
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

8 July 2005

Date of mailing of the international search report

25/07/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SAKAMOTO, T.; ET AL.: CHEM. PHARM. BULL., vol. 28, no. 2, 1980, pages 571-577, XP001206934 examples VIIa-c -----	1-42
A	SAKAMOTO, T.; ET AL.: CHEM. PHARM. BULL., vol. 28, no. 1, 1980, pages 202-207, XP001206935 examples VIa, VIc -----	1-42
A	OBRECHT D ET AL: "5. A NOVEL AND EFFICIENT APPROACH FOR THE COMBINATORIAL SYNTHESIS OF STRUCTURALLY DIVERSE PYRIMIDINES ON SOLID SUPPORT" HELVETICA CHIMICA ACTA, VERLAG HELVETICA CHIMICA ACTA. BASEL, CH, vol. 80, 1997, pages 65-72, XP002915327 ISSN: 0018-019X examples 10-12 -----	1-42

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 27-40 and 42 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter-
national Application No
PCT/GB2005/000497

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004080979 A	23-09-2004	WO 2004080979 A1	23-09-2004
WO 2004029204 A	08-04-2004	AU 2003275242 A1	19-04-2004
		CA 2499497 A1	08-04-2004
		EP 1546115 A2	29-06-2005
		WO 2004029204 A2	08-04-2004
WO 02055084 A	18-07-2002	CA 2434006 A1	18-07-2002
		EP 1363639 A1	26-11-2003
		WO 02055084 A1	18-07-2002
		JP 2004517863 T	17-06-2004
		US 2004092537 A1	13-05-2004